

ACS DISTRIBUTION BOARD SYSTEM FOR CONSTRUCTION SITES

68 ACS construction site board system

Range of construction site boards complying with the CEI 64-8/7 Standard for applications on construction and demolition sites. The directives of CEI 64-8/7 specify that boards for electricity distribution on construction sites must comply with EN 61439-1 and EN 61439-4, and extend this application to the following systems:

- new build;
- renovation, extension and demolition of existing buildings;
- public works;
- earth moving works;
- similar works.

The very name of an ACS (Assemblies for Construction Sites) board indicates that the product complies with the EN 61439-1 and EN 61439-4 Standard. These boards are available in the Q-BOX, Q-DIN, COMBIBLOC, QMC and QP versions, fully factory-wired, and are supplied with the relative certification and wiring diagram. Alternatively, it is possible to wire empty boards and obtain certification based on the configurations of the Pre-established Construction System.

Technical data and compliance with Standards

Board type	Reference Standards	Degree of protection (IP)	Insulation provided by the shell	Shell			Devices on main circuits	Accessories supplied	Accessories
				Impact resistance at ambient temperature (IK code)	Thermo-pressure with ball (°C)	Glow Wire Test (°C)			
Q-DIN	EN 61439-4	IP 44 IP 65		Shell IK 09 Domestic socket-outlets IK 08	70	650	Residual current circuit breaker with overcurrent protection	-	- Handle for transport - Kit for pole coupling - Emergency push-button - Metal surface-mounting brackets - Additional modules - Support with cable-holder - Carrier with rotating drum - For Q-DIN 5 shockproof casing - Socket-outlet panels - Kit for pole fixing
Q-BOX 4-6 Fixed plug power supply		IP 55		Shell IK 10 Installed components IK 09			Residual current switch disconnecter with overcurrent protection	Mains presence indicator lamp and emergency stop push-button	- Kit for pole coupling - Self-bearing support frame - Pre-arrangement for equipotential bar - Mechanical block, extraction of fixed power supply plug - Possibility to fit locks on enclosure doors
Q-BOX 4-6 Terminal block power supply				IK 08	80				- Support with cable-holder
COMBIBLOC		IP 55		IK 09	70			Emergency push-button	-
QMC		IP 56							
QP		IP 65		IK 10	200	960	MCCB	Mains presence indicator lamp and emergency stop push-button	- Kit for pole coupling - Metal surface-mounting brackets - Handle for transport - Possibility to fit locks on enclosure doors

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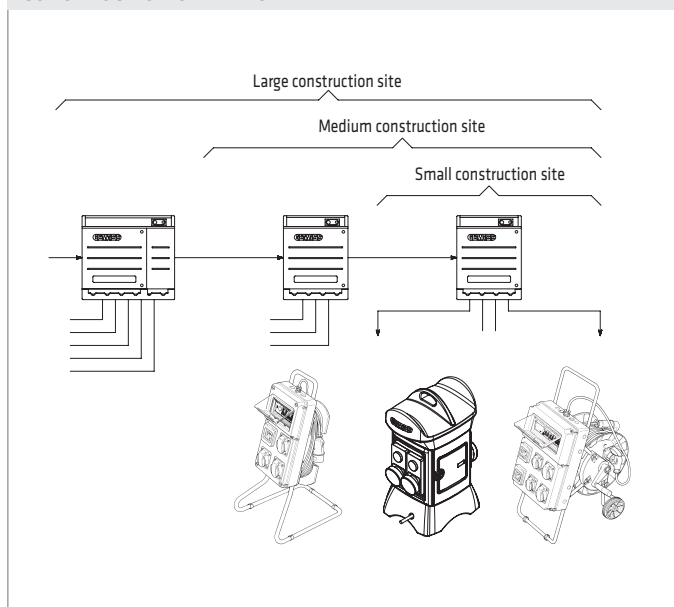
BEHAVIOUR WITH CHEMICAL AND ATMOSPHERIC AGENTS

	Saline solution	Acids		Bases		Solvents				Mineral oil	UV rays
		Concentrated	Diluted	Concentrated	Diluted	Hexane	Benzol	Acetone	Alcohol		
Q-BOX	Resistant	Limited resistance	Resistant	Limited resistance	Resistant	Limited resistance	Limited resistance	Limited resistance	Resistant	Limited resistance	Resistant
Q-DIN	Resistant	Limited resistance	Resistant	Resistant	Resistant	Limited resistance	Not resistant	Not resistant	Limited resistance	Limited resistance	Limited resistance
Q-DIN 5 shockproof casing	Limited resistance	Not resistant	Limited resistance	Limited resistance	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant
COMBIBLOC	Limited resistance	Not resistant	Limited resistance	Limited resistance	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant	Resistant
QMC	Resistant	Limited resistance	Resistant	Limited resistance	Resistant	Limited resistance	Limited resistance	Limited resistance	Resistant	Limited resistance	Resistant
QP	Resistant	Limited resistance	Limited resistance	Limited resistance	Limited resistance	Limited resistance	Limited resistance	Not resistant	Limited resistance	Resistant	Resistant

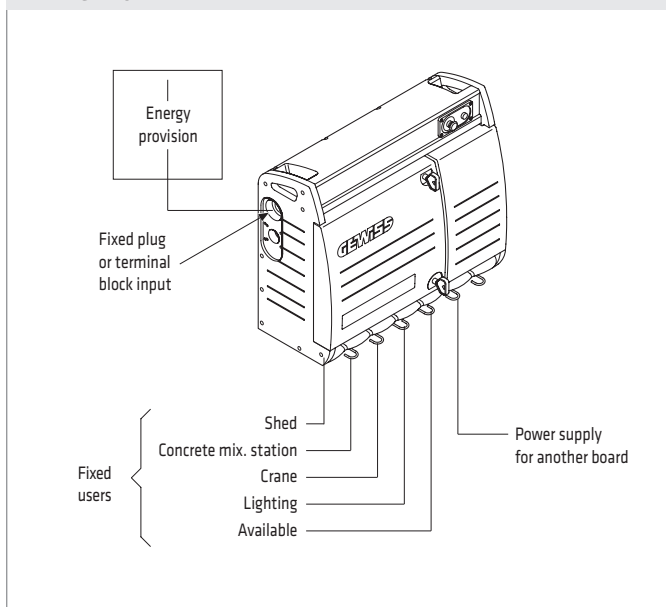
The range enables you to fully cover all installation solutions which can arise on a construction site and, specifically:

- Possibility of connecting and co-ordinating various boards in order to create the whole system rapidly and safely on the construction site.
- Versions with fixed plug or terminal block input unit.
- Availability of various movable Q-DIN/COMBIBLOC and QMC for supplying power to movable users, which can be used anywhere.

CONSTRUCTION SITE DIAGRAM



APPLICATION EXAMPLE



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Dimension tables

